



Beautification & Environmental Education Programs

2009-2010

Sponsored By



Keep Gastonia Beautiful, Inc.

Gaston County



**Solid Waste and
Recycling Division**

Calendar of Events

September 2009

- 8th Make A Difference Day Collections Begin
- 8th Classroom Presentations Available
- 16th Thru September 30th – NCDOT Litter Sweep
- 25th Big Sweep Registration Deadline
- 25th Recycled Art Contest Registration Deadline

October 2009

- 2nd Make A Difference Day Pledge Registration Deadline
- 2nd Celebrate Fall - Free Tree Registration Deadline
- 3rd Big Sweep Cleanup
- 14th Make A Difference Day Pledges Due
- 16th Make A Difference Day Collections Deadline
- 23rd Free Daffodil Bulb Registration Deadline
- 24th Make A Difference Day
- 30th Recycled Art Due at Keep Gastonia Beautiful office.

November 2009

- 9th - 13th Daffodil Bulb Deliveries
- 15th America Recycles Day

December 2009

- 11th Phone Book Recycling Contest Registration Deadline
- 14th Phone Book Collection Begins

January 2010

- 28th Phone Book Collection Ends
- 29th Phone Book Recycling Contest Judging
- 29th I Love A Clean School Contest Registration Deadline
- 29th Arbor Day Poster Contest Entry Deadline

February 2010

- 3rd Phone Book Recycling Contest Winners Announced
- 10th I Love A Clean School Judging

March 2010

- 2nd Arbor Day Posters Due
- 19th Custodian of the Year Nominations Due
- 19th Arbor Day (State)
- 31st Great American Cleanup Registration Deadline

April 2010

- 1st - 30th April is Keep America Beautiful Month
- 1st - 30th Great American Clean-Up
- 22nd Earth Day
- 30th Arbor Day (National)

May 2010

- 28th Classroom Presentations End

TABLE OF CONTENTS

How To Reach Us	Page 4
-----------------------	--------

Contests Special Events and Freebies

Green School of the Year	Page 5
Big Sweep	Page 6
Recycled Art Contest	Page 7
October Tree Planting Project	Page 8
Make A Difference Day	Page 9
Make A Difference Day Collection	Page 10
Make A Difference Day MADD about Bags	Page 11
Tennis Ball Reuse	Page 12
Daffodil Days	Page 13
Phone Book Recycling Contest	Page 14
Phone Book Recycling Official Rules	Page 15
"I Love A Clean School" Contest	Page 16
Arbor Day Poster Contest	Page 17
Custodian of the Year	Page 18
Custodian of the Year Entry Guidelines	Page 19
Green Student of the Year	Page 20
Green Student of the Year Entry Guidelines	Page 21
Green Teacher of the Year	Page 22
Green Teacher of the Year Entry Guidelines	Page 23
Great American Cleanup	Page 24
Bookmark Bonanza	Page 25
Mulch Donations	Page 26

Elementary Classroom Presentations

Earth Bracelets	Page 27
The Wartville Wizard	Page 28
"Twiggy" Talking Tree	Page 29
Goods From The Woods with "Twiggy"	Page 30
Rot and Roll - Learn About Composting	Page 31
"Louie" Litter Bug Puppet Program	Page 32
Michael Recycle	Page 33
Litter Letters	Page 34
Dumpsite Detectives	Page 35
Stash the Trash	Page 36
Swat-A-Litterbug Program	Page 37
Recycle Teaching Kits	Page 38
Where Does Your Garbage Go??? (Landfill Tour)	Page 39

Middle/High Classroom Presentations

Stash the Trash Interactive Presentation	Page 40
Litter Letters - Middle/High	Page 41
Recycle Teaching Kits - Middle	Page 42
Where Does Your Garbage Go??? (Landfill Tour)	Page 43

Additional Resources and Tours in Gaston County

School Beautification Ideas	Page 44
The Talking Tree Trail	Page 45
Water Treatment Education	Page 46
How is Wastewater Recycled	Page 47
Down the Drain	Page 48
Gaston County Environmental Education Resources	Page 49

Special thanks to **Leon Moretz, Carrie Minnich** and **Susan Costner**
of Gaston County Schools for approving the program material for school use.

HOW TO REACH US:

Keep Gastonia Beautiful, Inc.

James B. Garland Center
150 S. York Street

Mail To:

P.O. Box 1748
Gastonia, NC 28053

Phone: (704) 866-6906

Fax: (704) 836-0010

OUR STAFF:

Pat Johnson, Administrator
patj@cityofgastonia.com

Glenda Adams
School Specialist
(Gastonia - City Schools)
glendaa@cityofgastonia.com

Isaac Nicholson
School Specialist/Recycling Coordinator
(Schools outside Gastonia city limits)
isaacn@cityofgastonia.com

Help Your School Win...



GREEN SCHOOL OF THE YEAR

By participating in the Environmental Programs listed in this booklet.

Contests, Special Events, and Freebies

BIG SWEEP

STATEWIDE WATERSHED CLEANUP

- WHO:** Gaston County Public and Private Schools
Elementary, Middle, and High Schools
- WHAT:** Big Sweep Watershed Cleanup
- WHEN:** **Saturday, October 3, 2009**
Note: Cleanups can also be scheduled anytime during the months of September or October.
- WHERE:** Stream, waterway, or other area of your choice. If you do not have a site in mind, we can help match you with a clean-up area.
- GOALS:** To make a positive difference by removing unsightly litter and debris, and helping to make our waterways safer, healthier, more attractive, and more enjoyable for everyone, while helping to protect and preserve the richness of plants and wildlife along our streams.
- CALL:** (704) 866-6906
to sign up by **September 25, 2009**.
- DIRECTIONS:** After you have chosen your cleanup site and registered your cleanup, you will receive cleanup supplies, including gloves, trash bags and data cards.
- AWARDS:** Participating groups will receive a certificate of appreciation.
T-shirts and Scout Patches are also available in limited quantities.

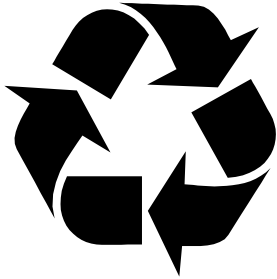


RECYCLED ART CONTEST

WHO: Gaston County Public and Private Schools
Elementary, Middle & High Schools

WHEN: Call to enter by **September 25, 2009**
Artwork is due **October 30, 2009**

GUIDELINES:



*Dimensional Art, Jewelry, Clothing,
Sculptures, or Posters Using Recyclable
Material

*Each entry must have a completed entry
form firmly attached to the artwork.

*Limit Five Entries Per School

*No group entries allowed.

*All entries must be less than 24"x36"x36"

SUBMITTING ENTRIES:

Drop-off artwork at Keep Gastonia Beautiful Office, (150 S. York St., Gastonia, NC 28052 – 2nd Floor) by 5:00 p.m. on **October 30, 2009**.

AWARDS:

Winners will be announced on **November 9, 2009** and will be on display at the Gaston County Library, Main Branch, 1555 Garrison Boulevard, during the month of November.

First Place Award:	\$100 Savings Bond
Second Place Award:	\$50 Savings Bond
Third Place Award:	\$25 Gift Certificate

1st, 2nd, and 3rd place awards given for each age division.

Judged By: United Arts Council of Gaston County

OCTOBER – CELEBRATE FALL TREE PLANTING PROJECT

WHAT: An opportunity for Gaston County public and private schools to celebrate trees and receive a **free tree** for planting on school grounds. Trees are donated by the Image Committee of Gaston County.

WHEN: Trees delivered by **October 16, 2009**.
In the case of drought, program will be postponed.

HOW: To reserve your tree, please call or e-mail:

Keep Gastonia Beautiful

(704) 866-6906

Gastonia Schools – Glenda Adams

glendaa@cityofgastonia.com

County Schools – Isaac Nicholson isaacn@cityofgastonia.com

By October 2, 2009.

GOALS: To introduce students to tree plantings and to educate about the value of trees.

- Trees renew our air supply by absorbing carbon dioxide and producing oxygen.
- The amount of oxygen produced by an acre of trees per year equals the amount consumed by 18 people annually. One tree produces nearly 260 pounds of oxygen each year.
- One acre of trees removes up to 2.6 tons of carbon dioxide each year.
- Shade trees can make buildings up to 20 degrees cooler in the summer.
- Trees lower air temperature by evaporating water in their leaves.
- Tree roots stabilize soil and prevent erosion.
- Trees improve water quality by slowing and filtering rain water, as well as protecting aquifers and watersheds.

MAKE A DIFFERENCE DAY PLEDGE CARD DRIVE

WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: Students make a pledge to “Make A Difference”.

WHEN: Pledge Cards are due **Wednesday, October 14, 2009.**
Make A Difference Day is **Saturday, October 24, 2009.**

HOW: Registration Deadline: **October 2, 2009**

We challenge students to make a pledge to do something that will “Make A Difference” in our community and to complete a pledge card describing any small act of kindness that can make a difference to a person, a family or community in need. This pledge could be to help keep your classroom clean, pick up litter, visit nursing homes, feed the birds, cut grass for others, help younger children with homework, help your teacher, be kind to others, etc.

CALL: (704) 866-6906
To request your pledge cards.



MAKE A DIFFERENCE DAY COATS, HATS, AND GLOVES DRIVE



- WHO:** Gaston County Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** Student's collect coats, hats, and gloves (new or slightly used).
These items will be donated to
As One Ministries and distributed to those in need.
- WHEN:** Collection Period - **September 8 - October 16, 2009**
Deadline for Collection - **October 16, 2009**
- HOW:** **Call to register – (704) 866-6906**
- Collect the described items at your school or in your classroom.
Participating groups will receive a certificate of appreciation.

MAKE A DIFFERENCE DAY

M.A.D.D. ABOUT BAGS



WHO: Gaston County Public and Private Schools
Middle and High Schools
(Recommended for groups with community service initiatives.)

WHAT: Student's collect new duffelbags and bookbags for redistribution through the Department of Social Services Foster Care Program.

WHEN: September 8 – October 16, 2009

HOW: Collect the items at your school or in your classroom and we will pick them up at your request.

Participating groups will be recognized with a certificate of appreciation.

CALL: (704) 866-6906
to register and request pickup of bags.

TENNIS BALL REUSE PROGRAM

WHAT: An opportunity for Gaston County public and private schools to reuse old tennis balls. Many teachers like to place these balls on the legs of chairs to reduce noise and wear on the floor. 100 used Tennis Balls will be donated per order form.

WHEN: As Available

HOW: Call Keep Gastonia Beautiful at (704) 866-6906.
Please note: Supply is subject to availability.

Teachers will be notified when the tennis balls are available; they must be picked up at the Keep Gastonia Beautiful office located at:

James B. Garland Center
2nd Floor
150 S. York Street
Gastonia, NC 28052

Sponsored By:



3104 Howe Dairy Road
Gastonia, NC 28056
704-864-5304

Offering year round tennis programs

DAFFODIL DAYS

A CLEANUP - GREENUP PROJECT

- WHO:** Gaston County Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** 50 FREE Daffodil Bulbs per school available for use in school beautification projects that include student and teacher participation. (Bulbs must be planted on school grounds)
- WHEN:** Prepare planting bed in October.
Bulbs will be available in early November.
Bulbs should be planted by third week of December.
- PURPOSE:** Bulb planting creates a greater appreciation of school property, enhances the community, provides a school science project completed during the school year (plant in the fall, bloom in the spring) and the opportunity for beautification of school grounds.
- HOW:** Call Keep Gastonia Beautiful by **October 23, 2009** - (704) 866-6906
- Bulbs will be delivered to your school between **November 9 – 13**. Your daffodils should bloom in late March or early April.
- REMEMBER:** Plant your bulbs 4 to 5 inches deep with the pointed end up. We would like to receive pictures or visit your school when the bulbs bloom. Please let us know when they start blooming.



Prior to placing your order consider this: You will need to choose an appropriate site for your bed. Your bed will need to be dug 12 inches deep. Daffodils look better in clumps of 12 or more bulbs rather than in long lines one after the other. Daffodils like sunlight for most of the day. Afternoon shade can prolong the life of the flowers and help retain their deep colors, but heavy shade from structures or a dense grove of trees will weaken bulbs and cause a less spectacular display the second year.

When to plant - in November or early December and they will bloom in March or April. Bulbs require a cooling period of about 14 to 15 weeks. Good soil preparation is the key to a successful daffodil bed. Spade and prepare the bed to a depth of 12 inches. Break up large clods of dirt. If your soil is heavy or has lots of clay, modify it by mixing in peat moss, sand, compost, humus, ground bark or sawdust. The soil should be loose and porous. The bulbs must have good drainage to prevent rotting and to aid the tender roots as they grow from the basal plate so they can penetrate the ground easily.

Daffodils should be planted 4 to 5 inches deep and 4 to 6 inches apart. Be sure to plant the bulb right side up. Cover your bulb with earth to the top of the ground. Press down firmly but not hard. After your daffodils bloom, remove faded flowers or seed heads. Seed production takes food needed by the bulb for next year's blooms. **DO NOT CUT OFF LEAVES.** Allow them to remain until they have turned brown and dried.

PHONE BOOK RECYCLING CONTEST

WHO: Gaston County Public and Private Schools
Elementary, Middle and High Schools



WHAT: THREE AWARDS OF \$500

1. School that collects the greatest number of phone books.
2. Elementary school that collects the most books based on total enrollment of the school.
3. Middle/High School that collects the most books based on total enrollment of the school.

OTHER PRIZES INCLUDE:

- Pizza party for the elementary individual classroom and the middle/senior high school individual classroom that collects the most books.
- Popcorn and drink party for the individual classroom in each participating school that collects the most books.
- \$100 savings bond to the individual student who collects the most telephone books.

HOW: Call Keep Gastonia Beautiful
(704) 866-6906
By 5:00 on **December 11, 2009** to enter.

Please see official rules on the following page.

WHEN: Collection runs from **December 14, 2009 - January 28, 2010.**

WHY: Respond to environmental concerns, save landfill space, and give new life to old phone books.

SPONSORED BY: Keep Gastonia Beautiful
Gaston County Recycling

PHONE BOOK RECYCLING CONTEST

OFFICIAL RULES

All rules must be followed in order to be eligible for prize money.

Important Dates

- Registration deadline before 5:00pm on **December 11, 2009**.
 - Collection ends on Thursday, **January 28, 2010**.
 - Judging begins at 8:30 am Friday, **January 29, 2010**.

Judging

- Phone books will be judged on Friday, **January 29, 2010**.

All books must be on site and ready for judging by 8:30 AM on this date. Judging usually takes place in the early morning, but will occasionally happen later in the day. Please refrain from moving books until after January 29th.

- Books must be in stacks of 25.
 - All plastic wrappers must be removed.
- Books that are not properly prepared when the judges arrive will not be counted.

Recycling

- Each school is responsible for transporting their own books to:

Farmer's Market Recycling Center
410 E. Long Ave.
Gastonia, NC

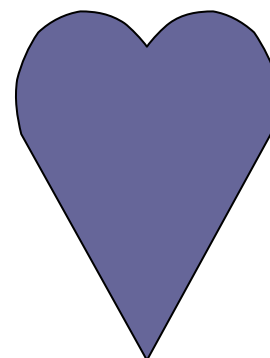
Other drop-off sites will be added as necessary.

- Books must be taken to a recycling center by Friday, **February 5, 2010**.

Awards

- Winners will be announced on Wednesday, **February 3, 2010**.
 - School party supplies will be delivered by **February 12, 2010**.
- Prize money **MUST** be used for educational purposes and must be pre-approved prior to receipt of the funds.
 - Schools cannot win in more than one category.

"I LOVE A CLEAN SCHOOL" CONTEST



WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: "I Love A Clean School" is the motto for February's
clean school contest.

WHEN: Entry deadline is **January 29, 2010.**

Call (704) 866-6906 to register your school.
Schools that have NOT registered will not be judged.

GOALS: Competition goals are to encourage students to show school pride through
neatness, cleanliness, and overall care of their school.

JUDGING: Judges will visit your school on Wednesday,
February 10, 2010. Judging will be based on clean hallways, attractive bulletin
boards, clean entranceways, neat bathrooms, attractive classroom doors,
availability of trash containers, and bonus points for any waste minimization
program in process or recycling.

AWARDS: The Clean School Award this year is a flag
that your school can fly or display on your campus, designating your school as
a Clean School winner. Schools will be presented with their flags by Friday,
February 19, 2010.

**Flags must be returned at the end of the school year. Instructions on doing so
will be distributed with award flags.**

ARBOR DAY POSTER CONTEST

WHO: Gaston County Public and Private Schools
Elementary, Middle & High Schools

WHAT: Arbor Day Poster Contest

WHEN: Call to enter by **January 29, 2010.**
Artwork due **March 2, 2010.**

GUIDELINES:

- *Artwork must be original and include trees in the design.
- *Each entry must have contact information firmly attached to the artwork (including artwork title)
- *Limit Five Entries Per School
- *One piece per student
- *No group entries allowed.
- *All entries must be on posterboard and 22" X 28" or smaller

SUBMITTING ENTRIES:

Drop-off artwork at Keep Gastonia Beautiful Office,
(150 S. York St., Gastonia, NC 28052 – 2nd Floor) by 5:00 p.m. on **March 2, 2010.**

AWARDS:

Winners will be announced in March.

First Place Award:	\$100 Savings Bond
Second Place Award:	\$50 Savings Bond
Third Place Award:	\$25 Gift Certificate

1st, 2nd, and 3rd place awards given for each age division: Elementary, Middle, and High Schools

CUSTODIAN OF THE YEAR

- WHO:** All custodians in Gaston County
Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** Custodian of the Year Competition recognizes custodians who provide services to school facilities and properties.
- DEADLINE:** Entries must be received by **March 19, 2010**. Please see entry guidelines on the following page.
- GOALS:** Competition Goals are to
- (1) Encourage custodian in their daily work to maintain and preserve public and private school properties,
 - (2) Promote cleanup and beautification throughout the community, and
 - (3) Promote student, teacher, parent and community awareness of custodial responsibilities.
- AWARDS:** First and second place award winners (from each division: elementary, middle, and high school) will receive a plaque.

Winners will be announced in May.

CUSTODIAN OF THE YEAR ENTRY GUIDELINES

- Judging is based completely on the materials submitted by principal, teachers and students.
- Person or school submitting entry is urged to provide photos, letters from students and staff, or any other relevant information.
- A separate entry must be completed for each nominated custodian. No group entries.

As a part of your nomination, please answer the following questions:

- 1) How many years has nominee been a custodian & with this particular school?
- 2) What is the custodian's relationship with the students?
- 3) Has the custodian assisted in planting trees and maintaining flower beds?
- 4) In what ways has this custodian contributed to recycling efforts?
- 5) List any outstanding traits or contributions to your school. Why should he or she be named the Custodian of the Year?
- 6) Supporting Materials: Pictures, Letters from Students, Faculty or Staff, etc.

Please return this form with any supporting photos by **March 19, 2010** to: **Keep Gastonia Beautiful, Inc., P.O. Box 1748, Gastonia, N.C. 28053** or through the school courier by addressing entry to "Keep Gastonia Beautiful".

.....

CUSTODIAN'S NAME: _____

SCHOOL NAME: _____

CONTACT PERSON: _____

PHONE NUMBER: _____

WHAT DIVISION IS YOUR SCHOOL? (check one)

____ Elementary ____ Middle ____ High

GREEN STUDENT OF THE YEAR

- WHO:** All students in Gaston County
Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** The Green Student of the Year competition recognizes students who exhibit keen interest and practical, every-day efforts in “green” practices: through waste reduction, recycling, litter control, and/or campus beautification.
- DEADLINE:** Entries must be received by **March 19, 2010**. Please see entry guidelines on the following page.
- GOALS:** Competition Goals are to
- (4) Encourage students to become more proactive in improving environmental conditions.
 - (5) Promote volunteerism and leadership.
 - (6) Improve environmental conditions in local communities.
- AWARDS:** Winners will receive an award plaque at the annual May Volunteer Appreciation Event. There will be one award winner for each school category: elementary, middle and high.



GREEN STUDENT OF THE YEAR ENTRY GUIDELINES

- Judging is based completely on the materials submitted by principal, teachers and students.
- Person or school submitting entry is urged to provide photos, letters from students and staff, or any other relevant information.
- A separate entry must be completed for each nominated student. No group entries.
- Maximum of 4 entries per school.

As a part of your nomination, please answer the following questions:

*How has the student contributed to overall school improvement?

*How has the student involved, or educated, classmates?

*List any outstanding traits or contributions to your school. Why should he or she be named the Green Student of the Year?

*Supporting Materials: Pictures, Letters from Students, Faculty or Staff, etc.

Please return this form with any supporting photos by **March 19, 2010** to: **Keep Gastonia Beautiful, Inc., P.O. Box 1748, Gastonia, N.C. 28053** or through the school courier by addressing entry to "Keep Gastonia Beautiful".



CUSTODIAN'S NAME: _____

SCHOOL NAME: _____

CONTACT PERSON: _____

PHONE NUMBER: _____

WHAT DIVISION IS YOUR SCHOOL? (check one)

____ Elementary ____ Middle ____ High

GREEN TEACHER OF THE YEAR

- WHO:** All Teachers in Gaston County
Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** The “Green Teacher of the Year” competition recognizes teachers who provide positive and effective environmental education within their classroom.
- DEADLINE:** Entries must be received by **March 19, 2010**.
Please see entry guidelines on the following page.
- GOALS:** Competition Goals are to
- (7) Encourage teachers to provide cross-discipline environmental education.
 - (8) Promote student, teacher, parent and community awareness of teacher efforts.
- AWARDS:** Winner will receive an award plaque at our annual May Volunteer Appreciation Event. There will be one award winner for each school category: elementary, middle and high.



GREEN TEACHER OF THE YEAR ENTRY GUIDELINES

- Judging is based completely on the materials submitted by principal, teachers and students.
- Person or school submitting entry is urged to provide photos, letters from students and staff, or any other relevant information.
- A separate entry must be completed for each nominated teacher. No group entries.
- Maximum of 4 entries per school.

As a part of your nomination, please answer the following questions:

- 7) How many years has the nominee been a teacher & with this particular school?
- 8) List any outstanding traits or contributions to your school. Why should he or she be named the Green Teacher of the Year?
- 9) Supporting Materials: Pictures, Letters from Students, Faculty or Staff, etc.

Please return this form with any supporting photos by **March 19, 2010** to: **Keep Gastonia Beautiful, Inc., P.O. Box 1748, Gastonia, N.C. 28053** or through the school courier by addressing entry to "Keep Gastonia Beautiful".



TEACHER'S NAME: _____

SCHOOL NAME: _____

CONTACT PERSON: _____

PHONE NUMBER: _____

WHAT DIVISION IS YOUR SCHOOL? (check one)

____ Elementary ____ Middle ____ High

GREAT AMERICAN CLEAN-UP

- WHO:** Gaston County Public and Private Schools
Elementary, Middle, and High Schools
- WHAT:** Great American Cleanup
(annual community wide cleanup)
- WHEN:** April 1-30, 2010
- WHERE:** Select an area of your choice
(School grounds, playgrounds, parks, etc.)
- GOALS:** Cleaner community
Assist in helping to deter litter
Promote volunteerism
Create a healthier, cleaner & safer environment
- INFO:** Registered participants will receive cleanup supplies, including gloves and trash bags. All participating groups will receive a certificate of appreciation.
- CALL:** (704) 866-6906 to register by **March 31, 2010**, to receive free supplies.



BOOKMARK BONANZA



- WHO:** Gaston County Public and Private Schools
Elementary, Middle, and High Schools
- WHAT:** Call us to receive free bookmarks for classroom distribution.
Each bookmark contains information about Keep Gastonia
Beautiful and environmental awareness.
- WHEN:** September 8 – May 28
- CALL:** (704) 866-6906; supplies will be sent through courier or mail.

MULCH DONATIONS

WHAT: Free Mulch will be donated to schools within Gaston County for school beautification projects.

WHEN: Anytime (As available)

HOW: Call Keep Gastonia Beautiful at (704) 866-6906 to schedule pick up at the City of Gastonia's Yard Waste Facility.

Please contact Gaston County School Maintenance if you need delivery assistance.

Mulch must be used for campus beautification projects.



EARTH BRACELETS

WHO: Gaston County Public and Private Elementary Schools
Kindergarten and 1st Grade Classes

WHAT: Making an "Earth Bracelet".

WHEN: September 8 – May 28

GOALS: To educate the students about the importance of trees, plants, soil, sun, water, air, animals, and people.
Students make a beaded bracelet to remind them of each resource.

HOW: Arrange for program on making an "Earth Bracelet". We provide all the supplies and a speaker to come to your school and help your students make their individual bracelets.

CALL: (704) 866-6906

Kindergarten
NC SCS

Science
Goal 1.00
Social Studies
Objective 5.05

1st Grade
NC SCS

Science
Goal 1.00
Social Studies
Objective 5.05



THE WARTVILLE WIZARD

A MAGICAL LITTER LESSON

Who: Gaston County Public and Private
Elementary Schools
Kindergarten and 1st grade classes

1st Grade
NC SCS

Science
Objective 2.05

Social Studies
Objective 2.01

What: A video of the book
The Wartville Wizard
will be presented to the class by a
Keep Gastonia Beautiful School Specialist.

When: September 8 – May 28

Goals: To educate students about the problems of litter and how we can
help reduce litter in the community. Each school will receive a copy
of a book about litter for their school library.

How: Call to make an appointment.

Call: (704) 866-6906



"TWIGGY" THE TALKING TREE

WHO: Gaston County Public & Private Schools
First and Second Grade Classes

WHAT: Talking Tree "Twiggy" visits your classroom. This program is co-sponsored by the *Image Committee of Gaston County*.

1st Grade
NC SCS

Science
Objective 1.04

Social Studies
Objective 5.05

WHEN: September 8 – May 28

GOALS: To educate students on the importance and value of trees in our community and the environment. Twiggy's interactive costume allows students to touch and see the animals that live in trees and reinforces how trees are homes to many animals.

Each school will receive a tree book donated by Keep Gastonia Beautiful & Gaston County Recycling for their school library.

Each student will receive educational material.

HOW: Make an appointment for "Twiggy" to visit your classroom.

CALL: Dawn Carr
(704) 865-3072
carrcd@juno.com



GOODS FROM THE WOODS WITH TWIGGY THE TALKING TREE

WHO: Gaston County Public & Private Schools
Second Grade Classes

WHAT: Talking Tree “Twiggy” visits your classroom. This program is co-sponsored by the *Image Committee of Gaston County*.

WHEN: September 8 – May 28

GOALS: To educate students on the importance and value of trees in our community and environment. Twiggy builds on information taught in her 1st grade program and teaches students about the surprising variety of ways in which we use trees.

Each school will receive a tree book donated by Keep Gastonia Beautiful & Gaston County Recycling for their school library.

Each student will receive educational material.

HOW: Make an appointment for “Twiggy” to visit your classroom.

CALL: Dawn Carr
(704) 865-3072
carrcd@juno.com

2nd Grade NC SCS
Science Objectives 1.01, 1.02
Social Studies Objectives 6.01, 6.02



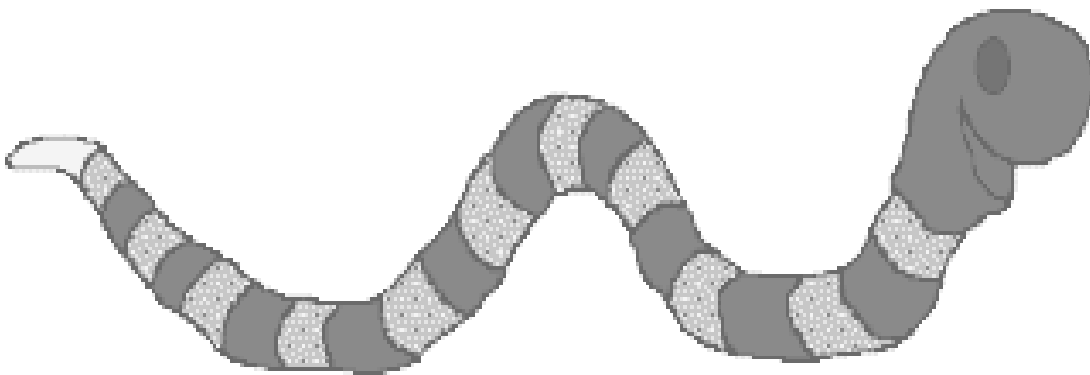
ROT & ROLL

LEARN ABOUT COMPOSTING

- WHO:** Gaston County Public & Private Schools
Third Grade Classes Only
- WHAT:** Learn more about composting and vermicomposting (composting with worms).
- WHEN:** September 8 – May 28
- GOALS:** To educate students about how to compost, how to set up a compost bin or pile, what happens when materials are composted, as well as see composting worms at work. Students will learn how composting can reduce garbage and help our environment.
- CALL:** Isaac Nicholson at (704) 866-6906
- NOTE:** Vermicomposting bins (composting with worms) can be checked out for classroom use.

3rd Grade
NC SCS

Science
Objectives
2.02, 2.04,
4.05



"LOUIE"

LITTERBUG PUPPET PROGRAM

WHO: Gaston County Public & Private Schools
Third & Fourth Grade Classes Only

WHAT: "Louie" the litterbug puppet visits your classroom. The *Image Committee of Gaston County* cosponsors this program. Participants receive a Louie the Litterbug Activity Booklet.

3 rd Grade NC SCS
Social Studies Objective 1.05
4 th Grade NC SCS
Science Objective 1.03

WHEN: September 8 – May 28

GOALS: To educate students about why people litter, the impact of litter on our communities, and how they can actively participate in litter prevention.

HOW: Make an appointment for "Louie" to visit your classroom.

CALL: Julie Heath
(704) 868-4986



MICHAEL RECYCLE WITH LOUIE THE LITTERBUG

WHO: Gaston County Public & Private Schools
Kindergarten Classrooms Only

Kindergarten
NC SCS

Social Studies
Objective 2.01

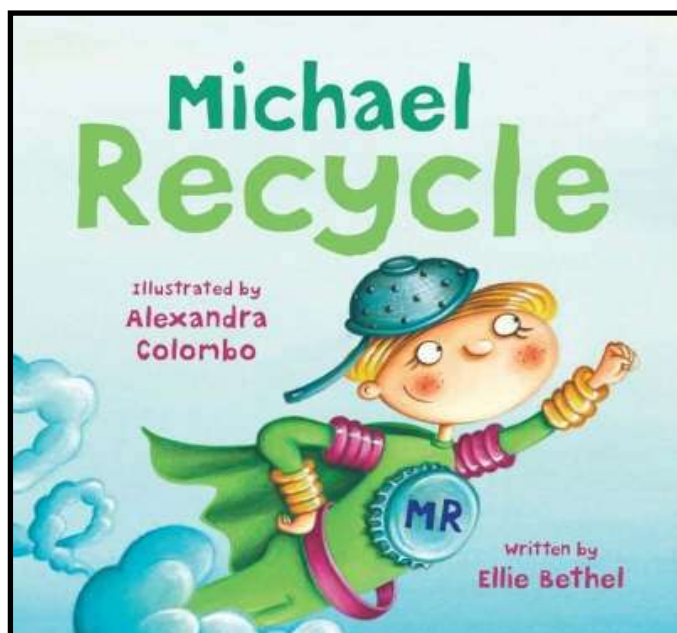
WHAT: “Louie” the litterbug puppet visits your classroom and presents the story of *Michael Recycle*. The *Image Committee* of *Gaston County* cosponsors this program.

WHEN: September 8 – May 28

GOALS: Learn about ways to transform your litter into recycled materials.

HOW: Make an appointment for “Louie” to visit your classroom.

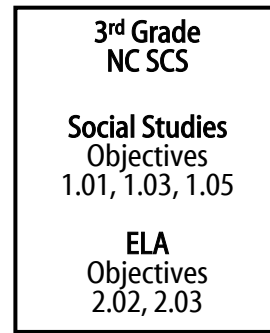
CALL: Julie Heath at (704) 868-4986



LITTER LETTERS

WHO: Gaston County Public and Private Elementary Schools

WHAT: Request a litter prevention teaching kit and supplies for your classroom.



WHEN: September 8 – May 28

GOALS: To educate students about the problems associated with litter and that littering is against the law. Each kit contains a teacher's guide, copies of a litter prevention pledge, and copies of a pre-written letter addressed to local law enforcement officers for each student to sign.

HOW: Call to request a supply kit. Items will be mailed to your school.



CALL: (704) 866-6906

DUMPSITE DETECTIVES

WHO: Gaston County Public &
Private Schools
5th Grade classrooms only

5th Grade
NC SCS

Science
Objective
4.01

WHAT: Litter and Illegal Dumping
Awareness Program

WHEN: September 8 – May 28

GOAL: Environmental enforcement officers come to your classroom to educate students about why people litter and dump illegally, the impacts that litter and dumping has on our community and our environment, and how they can actively participate in litter prevention.

CALL: (704) 866-6906



STASH THE TRASH

WHO : Gaston County Public and Private
Elementary Schools
All Grade Levels

5th Grade
NC SCS

Science
Objectives
1.07

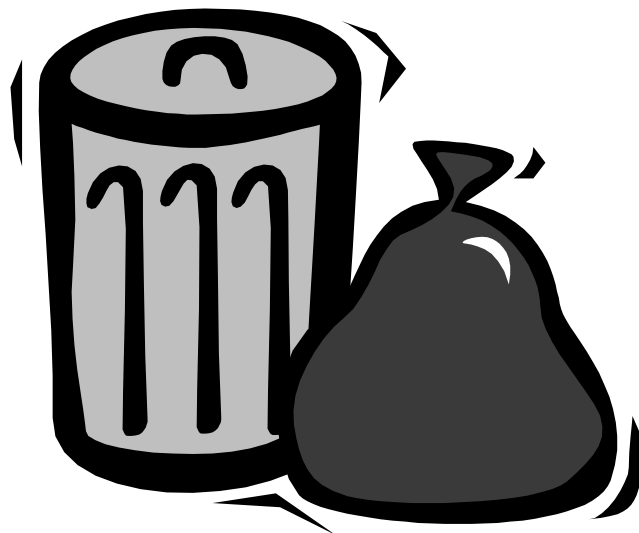
WHAT: Solid Waste Education Program

WHEN: September 8 – May 28

GOALS: Students will learn the history of America's garbage. Through models, they will learn about modern landfill facilities, observe technology that makes waste disposal safe, and gain awareness of what can be recycled in Gaston County.

Programs will be adjusted to fit the grade level of the students and number of students in the classroom.

CALL: (704) 866-6906



SWAT-A-LITTERBUG PROGRAM

- WHO:** Gaston County Public and Private Schools
- WHAT:** "Swat-A-Litterbug" Program
- WHEN:** **24 Hours A Day**
- GOAL:** To remind litterbugs that littering and tossing out cigarette butts is illegal and to educate citizens on the impacts litter has on our community. Litter is truly a safety hazard and has been responsible for more than 2,500 accidents per year. Litter is not only unsightly, but also costly. Littering is against the law, and violators can be fined up to \$1000 for the first offense.
- HOW:** Our organization is asking citizens to call in license tag numbers of the cars seen littering or tossing out cigarette butts in Gaston County. In return, Keep Gastonia Beautiful, Inc., in cooperation with the City of Gastonia Police Department, will send the owner of the vehicle a litter bag or portable ashtray and a letter promoting our anti-litter message.
- CALL:** Keep Gastonia Beautiful, at (704) 866-6906 to report the tag number, time of day, and location of a litter violation.



R-E-C-Y-C-L-E KITS

WHO: Gaston County Public and
Private Elementary Schools
All Grade Levels

5th Grade
NC SCS

Science
Objective
1.06

WHAT: RECYCLE concept teaching kit
and supplies for your classroom.

WHEN: September 8 – May 28

GOALS: To educate the students about the recycling symbol. The kit includes a teacher's guide, transparencies, and supplies and instructions for each student in your classroom to create a mobius loop (the concept behind the recycling symbol). Each student will also receive a Recycle Guys trading card to take home.

HOW: Call to request a supply kit.
Materials will be mailed to your school.

CALL: (704) 866-6906



WHERE DOES YOUR GARBAGE GO???

LANDFILL TOUR

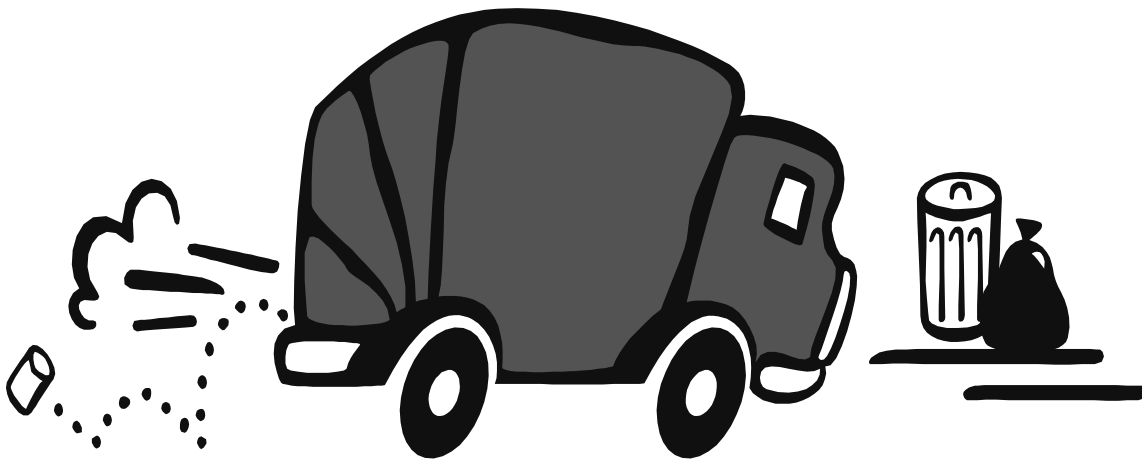
WHO : Gaston County Public and Private
Elementary Schools

WHAT: Tour the Gaston County Landfill
& Recycling Center

WHEN: September 8 – May 28

GOALS: Students will find out what really happens when they “throw something away.” They will tour a modern landfill facility, observe technology that makes waste disposal safe, and gain awareness of ways to reduce the garbage they produce. Students will also tour the recycling center and the baling facility where recyclable material is prepared for market.

CALL: (704) 866-6906



STASH THE TRASH

AN INTERACTIVE PRESENTATION

WHO : Gaston County Public and Private
Middle and High Schools

WHAT: Solid Waste Education Program

WHEN: September 8 – May 28

GOALS: This program is in the form of a slide show presentation. Appropriate facilities are required. Please contact for details.

Students will learn the history of America's garbage. Through models, they will learn about modern landfill facilities, observe technology that makes waste disposal safe, and gain awareness of what can be recycled in Gaston County.

Programs will be adjusted to fit the grade level of the students and number of students in the classroom.

CALL: (704) 866-6906

NC SCS Correlations
6th Grade Science Objective 1.03
8th Grade Science Objectives 1.04, 1.05, 2.01, 2.02, 2.04
Earth/ Environmental Science Objectives 1.03, 1.04, 4.02 Goal 7.00
AP Environmental Science Goal 5.00 Objectives 7.03, 7.04



LITTER LETTERS

WHO: Gaston County Public and Private
Middle & High Schools

WHAT: Request a litter prevention teaching kit and supplies for your
classroom.

WHEN: September 8 – May 28

GOALS: To educate students about the problems associated with litter and
that littering is against the law. Each kit contains a teacher's guide,
copies of a litter prevention pledge, and copies of a pre-written
letter addressed to local law enforcement officers for each student
to sign.

HOW: Call to request a supply kit.
Items will be mailed to your
school.

CALL: (704) 866-6906



R-E-C-Y-C-L-E KITS

WHO: Gaston County Public and Private
Middle & High Schools

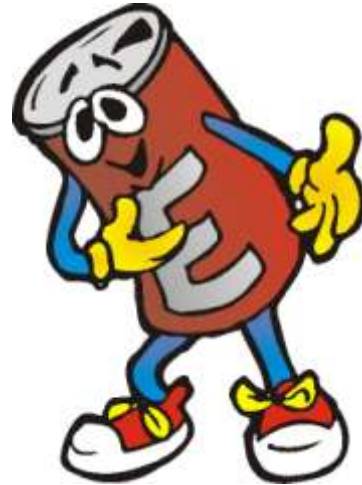
WHAT: RECYCLE concept teaching kit
and supplies for your classroom.

WHEN: September 8 – May 28

GOALS: To educate the students about the recycling symbol. The kit includes a teacher's guide, transparencies, and supplies and instructions for each student in your classroom to create a mobius loop (the concept behind the recycling symbol). Each student will also receive a Recycle Guys trading card to take home.

HOW: Call to request a supply kit.
Materials will be mailed to your school.

CALL: (704) 866-6906



WHERE DOES YOUR GARBAGE GO???

LANDFILL TOUR

WHO: Gaston County Public and Private Schools
Middle and High Schools

WHAT: Tour the Gaston County Landfill
& Recycling Center

WHEN: September 8 – May 28

GOALS: Students will find out what really happens when they “throw something away.” They will tour a modern landfill facility, observe technology that makes waste disposal safe, and gain awareness of ways to reduce the garbage they produce. Students will also tour the baling center where recyclable paper is prepared for market and the recycling center.

CALL: (704) 866-6906

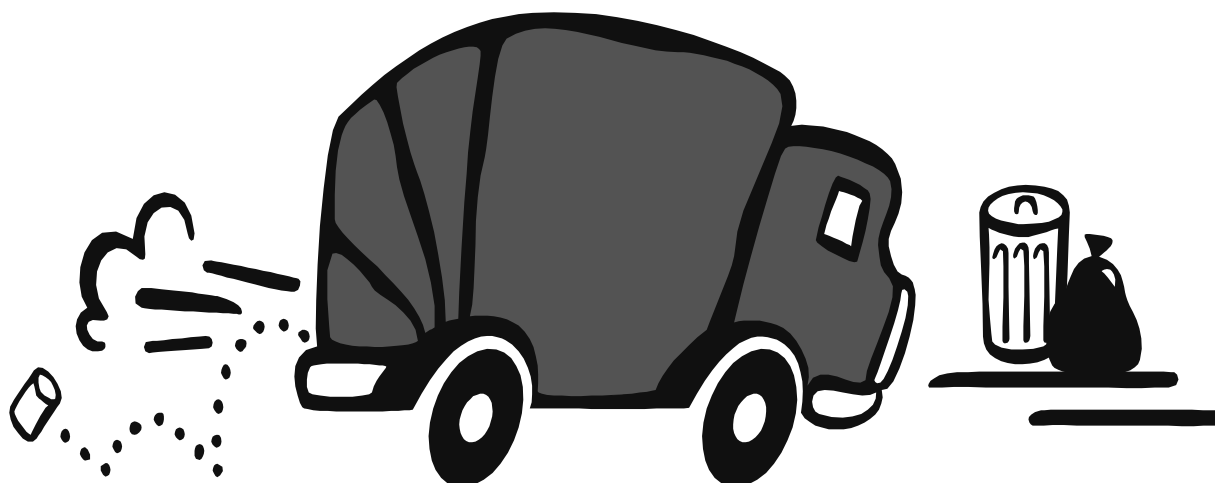
NC SCS Correlations

**6th Grade
Science**
Objective 1.03

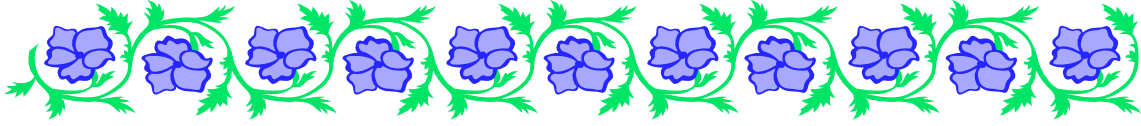
**8th Grade
Science**
Objectives 1.04, 1.05,
2.01, 2.02,
2.04

**Earth/ Environmental
Science**
Objectives 1.03,
1.04, 4.02
Goal 7.00

**AP Environmental
Science**
Goal 5.00
Objectives 7.03,
7.04



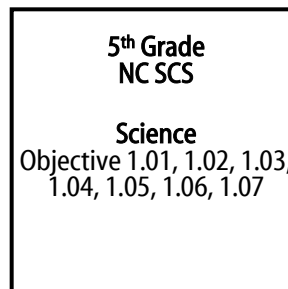
School Beautification and Litter Prevention Ideas for Cleaning Up and Greening Up Your School



- Organize School Cleanups
Free bags and gloves are available for clean-ups. Call (704) 866-6906.
- Organize School Beautification Through Landscaping
Don't miss out on your free trees and daffodil bulbs.
- Gaston County Public Schools within Gastonia can receive free mulch. (Pick-up only, no deliveries)
Contact: Keep Gastonia Beautiful at (704) 866-6906
- Plant flowers that attract butterflies.
- Organize School Recycling
Call for the location of the nearest recycling center.
- Sponsor an Arbor Day Event and plant a tree at your school.
- Build A Nature Trail
- Sponsor an Earth Day Activity
Have a recycling contest, waste free lunch day, clean up litter, or go on a nature walk.
- Educate Students About Litter
Sponsor a litter cleanup on your campus, call for an information sheet about litter laws and free clean up supplies. (704) 866-6906
- Start a composting project. Call (704) 866-6906 for more information.
- Encourage students through posters, etc. to help keep their school neat and clean.
- Display environmental bulletin boards, posters, etc.

THE TALKING TREE TRAIL

What: The Talking Tree Trail is an educational walking trail designed to teach students about the variety of trees represented in our local environment.



Where: Lineberger Park, Gastonia

When: **Anytime**

Why: To educate students about trees and their importance to our local ecosystem.

How: Arrange a field trip to the Talking Tree Trail.

The Trail is self-guided. Students interact directly with the trail's "talking birdhouses", hearing information and fun facts about 10 tree species native to North Carolina.

Who: **Sponsored by**
Keep Gastonia Beautiful,
The City of Gastonia,
Community Development,
Recreation Department,
Landscape Division, and
WGNC 1450 AM.



CITY OF GASTONIA

WATER TREATMENT EDUCATION

WHO: Gaston County Public & Private Schools
All grade levels.

WHAT: Drinking Water Treatment Process

WHEN: As Requested

GOAL: Our programs are tailored to age appropriate levels. Our Assistant Division Manager and Laboratory Technician will come to your facility to educate your students on the water cycle, the drinking water treatment process, including where our drinking water comes from, and what happens to it before it is delivered to our customers. Our programs also include information on how to protect our water resources to insure that there is water for everyone. Each student will receive a bag full of fun activities and pamphlets concerning drinking water to enhance their understanding of drinking water treatment and why it is so important. Teachers - ask us about our teaching aides filled with fun projects for your class.

CALL: Lisa Richardson
Assistant Division Manager
(704) 854-6686

or

David Rowland
Laboratory Technician IV
(704) 869-1068



HOW IS WASTEWATER RECYCLED?

WASTEWATER TREATMENT PLANT TOUR

Who: Public & Private Schools
within the City Limits of Gastonia
Middle and High School Classes Only

What: Wastewater Treatment Plants and
Resource Recovery Farm Tours

When: September 8 – May 28

Where: The plant nearest your school:



Crowder's Creek Wastewater Treatment Plant
Off U.S. Highway 321 South of Gastonia

Long Creek Wastewater Treatment Plant
Old Spencer Mountain Road, Gastonia

Resource Recovery Farm
208 Goldmine Bessemer City

Goals: To educate students about the Wastewater Treatment Plant processes and the importance of recycling wastewater for use downstream.

Call: David Shellenbarger to schedule a tour at
(704) 842-5106

DOWN THE DRAIN

Who: Public & Private Schools
within the City Limits of Gastonia

What: *JMercury Booklet Presentation-
4th Grade only*
Students learn about the wastewater
treatment process and receive a copy
of the JMercury booklet.

*Mercury Awareness Presentation-
Middle & High School*
Students learn about the dangers of
improper mercury disposal.

*Fats, Oil & Grease (FOG) Presentation –
Middle & High School*
Students learn about the problems associated with dumping fat, oil
or grease down the drain.

When: September 8 – May 28

Goals: To educate students about the importance of pollution prevention
and preserving the environment. Our Industrial Chemist will come
to your classroom to give the presentation. Supplies are provided.
The JMercury Booklet is also available in Spanish.

Call: David Shellenbarger to schedule a presentation at
(704) 842-5106

Rot & Roll The Talking Tree Trail
Storm Drain Marking Louie the Litterbug
THE GREAT AMERICAN CLEANUP
Earth Bracelets Dumpsite Detectives
How is Wastewater Recycled?
CUSTODIAN OF THE YEAR Down the Drain
Swat-A-Litterbug BIG SWEEP
Wartville Wizard R-E-C-Y-C-L-E
Twiggy The Talking Tree Stash the Trash
Litter Letters Recycled Art
KEEP GASTONIA BEAUTIFUL
Gaston County Recycling
Tennis Balls Daffodils Trees Cleanups
THE GREAT AMERICAN CLEANUP
Twiggy the Talking Tree Louie the Litterbug
Wartville Wizard Stash the Trash
The Talking Tree Trail
R-E-C-Y-C-L-E Big Sweep
Earth Bracelets Dumpsite Detectives
Custodian of the Year
How is Wastewater Recycled? Recycled Art
Litter Letters Storm Drain Marking
Tennis Balls Daffodils Trees Cleanups